

ABSTRACT

A communications arrangement that provides multiple levels of security is described. In one embodiment, a plurality of seedable code generators is configured to generate different sets of codes. A plurality of CDMA encoders are respectively coupled to the code generators, and each encodes input data using the set of codes generated by the coupled code generator. A plurality of CDMA decoders are similarly arranged for decoding input data. A node controller provides respective input seeds to the code generators and provides respective sets of codes from the code generators to paired encoders and decoders. An interconnect combines encoded data from the encoders into an output signal and transmits the output signal. An input signal received by the interconnect interface is provided to each decoder.